

REMARKS

In response to the August 4, 2005 Office Action, Claim 1 has been amended.

The present invention is directed to a multi-volume disk array management method as defined in Claim 1 and a multi-volume disk array management system as defined in Claim 6. The multi-volume disk array management system comprises a user interface, a storage-space partitioning module, a logical-volume organizing module, and a storage-property setting module. The storage-space partitioning module, the logical-volume organizing module and the storage-property setting module are respectively for dividing, organizing and setting the storage property of a disk based on the user-specified settings from the user interface. In other words, a user is allowed to specify and input required settings to the multi-volume disk array management system (page 5, lines 7-8 of the specification); and the storage property of the disk is divided, organized and set according to the user-specified settings inputted by the user to the multi-volume disk array management system.

Kim et al (U.S. 2003/0023811 A1), on the contrary, is directed to resizing and minimizing metadata of a disk whose storage property has been divided, organized and set already (as shown in the abstract and Fig. 2 of Kim). Kim does not teach or suggest that a user is allowed to input user-specified settings and the storage property of a disk is divided, organized and set based on the user-specified settings.

Moreover, the multi-volume disk array management method and system of the present invention are for performing the dividing, organizing and setting procedures (prior processing) of the storage property of a disk. This feature is different from the disclosure of Kim for performing posterior processing (such as reducing metadata) on a disk that has already been divided, organized and set in storage property thereof.

Therefore, it is believed that the present invention is novel and patentable over Kim.

As a result of the foregoing amendments to the claims and the foregoing remarks, Applicant respectfully submits that the application is now in condition for allowance and the issuance of a Notice of Allowance is respectfully requested.

Respectfully submitted,

Date: November 3, 2005


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